

RECEIVED DECEMBER 19, 2008

Fluor Hanford
 WSCF Analytical Lab
 P.O. Box 1000
 Richland, Washington 99352
 Telephone 373-7495
 Telefax 372-0456

FLUOR®

5M4W41-SLF-08-1301

December 17, 2008

Mr. M. A. Neely, Manager
 Analytical Services
 CH2M HILL Plateau Remediation Contract
 PO Box 1600 MSIN B6-06
 Richland, WA 99352

RECEIVED
 FEB 19 2009

EDMC

Dear Mike:

RDR #R5314 RESULTS FOR SAMPLE DELIVERY GROUP WSCF20082313 – SAF NUMBER
 F08-052

- References: (1) Memo, SL Fitzgerald to H Hampt, Final Results for SDG WSCF20080841
 (M4W41-SLF-08-618), dated June 12, 2008
- (2) Memorandum of Agreement #MOA-FH-CHPRC-2008, Rev. 0, for the
 Performance & Payment of Services, dated October 1, 2008
- (3) HNF-SD-CD-QAPP-017, Rev. 9, Waste Sampling & Characterization Facility
 Quality Assurance Plan

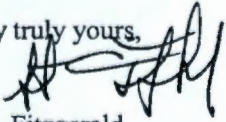
This letter contains the following RDR attachments for sample delivery group WSCF20082313:

- Recheck, Recount or Reanalysis Order #R5314 dated November 20, 2008 (Attachment 1)
- Analytical Results (Attachment 2)
- Sample Receipt Acknowledgement (Attachment 3)

The gross alpha result from the reanalysis is less than detectable. The previous result was detectable, but very close to the detection limit. Statistically, these two results are very similar.

If you have any questions, don't hesitate to call on Andy Kopriva, telephone 373-1613, for assistance.

Very truly yours,


 S. L. Fitzgerald
 WSCF Analytical Lab

SLF/grf

Attachments 3

cc: w/Attachments

T. F. Dale	S3-30	J. E. Trechter	S3-30
A. J. Kopriva	S3-30	S. J. Trent	B6-06
H. K. Meznarich	S3-30	File/LB	
P. D. Mix	S3-30		

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ATTACHMENT 1

RECHECK, RECOUNT OR REANALYSIS ORDER #R5314

Consisting of 2 pages
Including cover page

11/20/2008
RECHECK, RECOUNT, OR REANALYSIS ORDER
CONTRACT NO MW6-SBB-A19981

Waste Sampling &
600 AREA Hanford, MSIN
Richland, WA 99352

20082313
12/15/08
tel

Battelle PNNL Order Number: 081120WSCF-R5314 (WSCF 20082313)

Sample Delivery Group: WSCF20080841

Special Instructions Make sure discrete method is used.

Samples(s)

Lab Sample ID	PNNL Sample	Action	TAT	METHOD_NAME:
W08GR01072	B1TVK4	Reanalysis	15/15	ALPHA_GPC W08GR04206

WSCF Response

Sample was re-analyzed, and report and EDD file submitted to client.

Deliver Report Results to: CH2M Hill Plateau Remediation Company
P.O. Box 1600
Mail Stop - B6-06
Richland, WA 99352
C/O Mr. Mike Neely

M4W41-SLF-08-1301

ATTACHMENT 2

ANALYTICAL RESULTS

Consisting of 6 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical: _____

Client Services:  A. Kopriva 12-17-08

All results are reported on an "as received" basis unless otherwise noted in the comment section.

This information is intended for the use of the addressee only. If the reader of this report is not the intended recipient or is not authorized by the recipient to receive the report, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please notify WSCF Laboratory immediately by telephone at (509) 373-7020 or (509) 531-8004. Information designation of this report is the responsibility of the customer.

Contract#: MOA-FH-CHPRC-2008

Report#: WSCF20082313

Report Date: 16-dec-2008

Report WGPP/ver. 5.2

Groundwater Remediation Program

w13qlog v4.2 16-dec-2008 15:08:39

Department: Radiochemistry

W13q Worklist/Batch/QC Report for Group# WSCF20082313

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
38825	1	39242	43738	BLANK		Gross Alpha on Alpha Plateau
38825	2	39242	43738	LCS		Gross Alpha on Alpha Plateau
38825	13	39242	43738	SAMPLE	W08GR04206	Gross Alpha on Alpha Plateau
38825	3	39242	43738	DUP	W08P005064	Gross Alpha on Alpha Plateau

WSCF

METHOD REFERENCES REPORT

Department: Radiochemistry

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

LA-508-415	LA-508-415: OPERATION OF THE 2-INCH PROTEAN ALPHA/BETA COUNTING SYSTEM FOR GROSS
HEIS ALPHA_GPC	GROSS ALPHA GPC
HEIS BETA_GPC	GROSS BETA GPC
HEIS SRTOT_SEP_PRECIP_GPC	Plutonium 89/90

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at <http://www2.rl.gov/phmc/as-dol>.

Report Date: 16-dec-2008
Report#: WSCF20082313
Report WGPPM/5.2

Page 1

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-052
Sample # W08GR04206
Client ID: B1TVK4

ALPHA RERUN
WSCF

Matrix: WATER

Group #: WSCF20082313
Department: Radiochemistry
Sampled: 04/22/08
Received: 04/28/08

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gross Alpha on Alpha Plateau											
Gross alpha on alpha plateau	12587-46-1	LA-508-415	U	-0.0450	pCi/L	+ -0.369	pCi/L	1.00	0.75		12/14/08

MDL = Minimum Detection Limit

U - Analyzed for but not detected above limiting criteria(inorg)

RQ = Result Qualifier

TP Err = Total Propagated Error

DF = Dilution Factor

* - Indicates results that have NOT been validated;

+ - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Radiochemistry

SDG Number: WSCF20082313
Matrix: WATER
Test: Gross Alpha on Alpha Plateau

Sample Date: 11/20/08
Receive Date: 11/20/08

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W08P005064											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Gross alpha on alpha plateau	12587-46-1	1.3		RPD			8.000	20.000		12/14/08
BATCH QC											
BLANK	Gross alpha on alpha plateau	12587-46-1-ap	U-1.4E-01	n/a	pCi/L	-100.000	100.000				12/14/08
LCS	Gross alpha on alpha plateau	12587-46-1-ap	41.1	106.092	% Recov	80.000	120.000				12/14/08

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ATTACHMENT 3

SAMPLE RECEIPT ACKNOWLEDGEMENT

Consisting of 2 pages
Including cover page

Waste Sampling and Characterization Facility
P.O. BOX 1970 S3-30, Richland, WA 99352
PHONE: (509) 373-7004/FAX: (509) 373-7134

F, 1e

ACKNOWLEDGMENT OF SAMPLES RECEIVED

12/15/08

tc

25314

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP

PO#: 123516/ES10

Group#: 20082313

Project#: F08-052

Proj Mgr: Steve Trent E6-35

Phone: 373-5869

The following samples were received from you on 04/28/08. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Waste Sampling and Characterization Facility.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W08GR04206	B1TVK4	ALPHA RERUN @ALPHA	Water	04/22/08

Test Acronym Description

Test Acronym	Description
@ALPHA	Gross Alpha on Alpha Plateau